

The

Call Letter

September 2020

Vol 46, #9



Upcoming Saturday Auction Item
(Velour Elvis Not Included)

The Northwest Vintage Radio Society

Post Office Box 82379
Portland, Oregon 97282-0379

The Northwest Vintage Radio Society is a non-profit historical society incorporated in the State of Oregon. Since 1974 the Society has been dedicated to the preservation and enjoyment of "Vintage Radio" and wireless equipment.

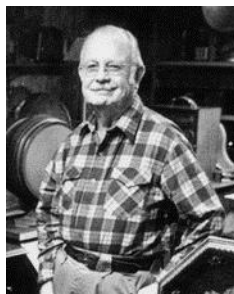
Membership in the Society is open to all who are actively interested in historic preservation. The dues are \$25.00 for domestic membership, due on January 1st of each year (prorated quarterly).

The Call Letter has been a monthly publication since 1974. It was originated with the founder, Bob Bilbie, and our first president, Harley Perkins. Through several editors and with the assistance of numerous society members, the Call Letter has continued to be a publication that informs members of the society's business and that supports the hobby of collecting, preserving, and restoring vintage radios.

Society meetings are held the second Saturday of each month at the Abernethy Grange Hall at 15745 S. Harley Ave. in Oregon City, Oregon. They convene at or about 9:30 AM for the purpose of displaying radios, conducting Society business, and exchanging information. Guests are welcome at all Society meetings and functions (except board meetings).

Other Society functions include guest speakers, auctions, radio shows, and radio sales which are advertised in the Call Letter and are held in and around Portland.

With each issue of the Call Letter, we remember Jim Mason, a charter member of the society who remained active until his death in 1999. A generous bequest from Jim's estate ensures the vitality of the Northwest Vintage Radio Society, and continued publication of the Call Letter.



Society Officers

President	Pat Kagi 360 909-7009	patkagi@yahoo.com
Vice President	Franklin Ouchida	crazykeychains@gmail.com
Treasurer	Ed Tompkins (360) 573-3895	edtomp@Q.com
Recording Sec'y	Liles Garcia (503) 649-9288	landn2@frontier.com
Corresponding Sec'y	Mark Moore (503) 286-5224	mark@pdxhistory.com
Board member at large	Mike McCrow (503) 730-4639	soundmikey14@gmail.com
Librarian	Jeff LaDoe (503) 408-4446	flat4pdx@gmail.com
Call Letter Editor	Don Hanson 503 630 2720	vanguard4@lycos.com

On the Cover

RCA Victor 45 RPM record player from for Saturday's auction items

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Announcements

September 2020 meeting - Sat. Sept.12 - Online, details in email

September Monthly Feature - Radios with a "G" in their name

September Tech Talk - None this month

September Tube of the Month - General Electric tuning eye tube 6U5/6G5 with the GE logo over the indicator. If anyone has an example of this tube please show it at the zoom meeting Saturday. Contact Franklin to get the link to join. Thanks, Mike and Damon

Leads and Needs - The Swap Shop is for members' classified ads. Ads are free and can either be permanent or temporary.

Editor's Note - Please have September Call Letter contributions in by Sunday, September 30. Articles & Ads welcome. (Tube labels too). (No Calendar of Events this month due to cancellations)

Visit our web site at:

www.nwvrs.com

Find us on Facebook:

www.facebook.com/nwvrs

President's Message for September 2020:

Need to do research? Our Call Letters are now in a searchable data base. You can search for anything in any of NWVRS Call Letters here:

<https://worldradiohistory.com/hd2/IDX-Site-Early-Radio/Call-Letter/search.cgi> By the way, David Gleason, owner of the World Radio History, gave great reviews on our Call Letter.

On Saturday, September 12th starting at 9:30 am the NWVRS meeting will be on-line using Zoom. Franklin will send out the invites beforehand with instructions, so watch your emails.

Starting at noon on September 12th, there will be a club member only auction for the Patrick Holzwarth estate at the Abernethy Grange. This auction will have no reserves and no buyers' fees. Hand sanitizer will be provided by NWVRS.

In order for you to attend, you must sign the COVID-19 release form, wear a face mask, and practice social distancing. You must have this form filled out and signed before you can attend any event at the Abernethy Grange. (Orders by the Grange Association). Anyone refusing to sign the form, wear a mask or practice social distancing will be politely asked to leave. Thanks to Larry Osborne for setting up the COVID-19 form to include NWVRS.

To alleviate the crowds, the auction will be divided up in groups with similar items so we don't have a lot of people mulling around waiting. This is a tentative plan, so it may change before September 12th.

Noon	12:30	Radios and tubes
12:30	1:00	Test equipment
1:00	1:30	Stereo, Hi-fi, phonographs
1:30	Closing	Parts, supplies, wire, etc.

Depending upon bidding, these times may be lengthened or shortened, so please be prepared to show up early or stay longer for the items you want to bid on.

If this event is successful, we plan to have additional auctions and a Trash Bash in the months of September and October. Since these events can't be listed in the Call Letter because of the timing of the events, (monthly versus weekly), I highly recommend that you watch your emails and provide an email address if you don't have one. A call list will be used for those that do not have access to emails when these future events are scheduled.

A special thanks goes to Esteban Mendoza for making 3 trips to the Holzwarth homes to pick up and store these items and delivering them using his truck and trailer. In addition to sorting and loading up these items, he created 164 lots of items with pictures. On the morning of Saturday, September 12th, he will unload all the items on tables at the Grange around 9:00 am. If anyone can help to do the setup, please contact Esteban or myself as our email addresses are included above. This will be a huge undertaking if he has to do it alone. One of the nice things in helping out is that you can preview the items and earmark the lots you want to bid on. In addition to the Holzwarth estate, items from Clithero and Lee estate. (Zenith 808 tombstone, test equipment, keys, radio tubes, etc.)

Thanks and take care, Pat

NWVRS Meeting Minutes—August 8, 2020

President Par Kagi called the meeting to order at approximately 9:30 AM using the Zoom meeting software. The group discussed having WI-FI at the Grange Hall so that we could use Zoom during our meetings. The Call Letter will be coming out later today in the mail. The electronic copy will also be available later today. Many thanks to Brian Toon for printing and mailing the Call Letter!! Also many thanks to those people who worked on creating the searchable data base for the Call Letter!!

Our summer picnic will be postponed at this time. Everyone is reminded to pay their dues for 2020 so that our memberships will be continued. Blake Dietze discussed RCA power pentodes. The 6F6 is an early example that was popular in the late 1930's. It replaced the 42 and 2A5 tubes. The 6L6 was a later tube that was a beam power tube.

Our Monthly Feature is "Radios with Names That Begin with an 'F'." Rick Walton showed the group a Farnsworth ET060 radio. Oz Osbourne showed a FADA battery set; Ed Tompkins also showed a FADA battery set; and Blake showed a Freedom radio.

Bruce Bauer said that the Vintage Tek Museum has some Tek 575 curve tracers for sale. The meeting was adjourned.

Recorded by Secretary Liles Garcia

Patrick Holzwarth

1952 – 2020



Always an inquisitive person, Patrick began taking apart and building “stuff” as a young child. He was fortunate that his parents indulged his passion and inquisitiveness. When he met a friend, whose father was an electrician, the two began an odyssey to pester friend’s dad about all things electrical and during other odd hours they would spend time at Goodwill’s ‘As Is’ Shop, looking for things that interested them to take apart and re-build.

With the realization of this growing interest, Pat was enrolled in a 4-H Electronics group as an independent, with his mother attempting to coach him. It was at the county fair— after entering his beginning project— that a leader (with a true electronics background) emerged and invited Pat to join his group. He soon took over most of the basement with his workbench, shelves of spare parts and projects in the works. Later on, Pat attended Benson Tech, Portland’s magnet school for the technical trades, where he continued his focus on electronics. On weekends he could be found helping build and operate a light show to augment local musical bands under the trade name of the Cataract Lights and, later, the Portland Lite Opera.

Pat went right to work after high school graduation for Stirling Dial-a-Talk building and repairing intercom systems. Bill Stirling brought him along, working on various projects and installations; and, eventually, Patrick purchased the business from him. The business name did become a bit of an albatross when push-button phones became more the norm; but as activity slowed up, he just pivoted to other endeavors: repairing equipment for Musak (known for their “elevator” music), Sentrol Security Alarm Systems (where he received a patent (and bonus) for constructing an instrument to test the alarms more efficiently), and Tektronix. He eventually received his Electrical Engineering degree from Portland State at the age of 40, a feat that would have made his dad proud had he lived to witness it.

On the side, Pat purchased a classic Victorian house and painstakingly restored it to its original presentation. After several years of work, he “flipped” it and began on a second. A speedy turn-around was never his intent; he enjoyed and nurtured each home that he undertook to renovate, adding his special brand of electrical innovations to each along the way.

Other avocations included a love for the great outdoors— hiking, low-impact camping and mountain climbing— and restoring a ’63 Willys Jeep wagon and entertaining a close-knit group of friends. Having never married (& no children), Patrick devoted himself to his original family and a few non-profit organizations that held special meaning to him... most notably, Rails to Trails.

Kilbourne and Clark of Portland

By Art Redman

Kilbourne and Clark started work on their new manufacturing plant during August 1918 slated to become “the largest wireless electrical manufacturing establishment on the Pacific Coast”. The firm secured an US Navy contract on June 23, 1917 to build and deliver within nine months 250 radiotelegraph sets for \$988,800 in addition to the 65 sets previously ordered.

American-Hawaiian officials removed a Kilbourne Clark from their steamer Floridian in accordance with a court order handed down at Brooklyn on January 22, 1916. The Marconi Wireless Company secured a temporary injunction to prevent Kilbourne and Clark from operating their radio transmitter and receivers because Marconi filed a patent infringement suit for \$3,000,000 in damages.

The Port of Portland Commission bought three Kilbourne sets for the tugs Oneonta, Wallula and the schooner Joseph Pulitzer replacing Marconi sets and operators under leases because the injunction was not permanent. The United States circuit of appeals ruled May 1920 that there was no infringement of Marconi receiving and sending apparatus as contended. The court decision, in which included the US Navy, is noteworthy because it is the only ruling in which radio receiving and transmitting is non-infringing on the Marconi system of leasing operators and equipment.

The Portland branch of Kilbourne and Clark Manufacturing moved December 1924 from 1241 Montana Street (now 5805 North Montana) to 53 Fourth Street now 131 SW Fourth Avenue the site of a parking structure west across from the avenue of the old Multnomah Hotel. At the Portland branch office and store the Kilbourne and Clark Air Roamer model sold for \$140.00, K&C Loudspeaker for \$28.00, and double 2000-ohm headphones for \$4.00 and their crystal set for \$12.00. The other areas where Kilbourne had branches were San Francisco, Los Angeles and a distributorship at Sydney, Australia.

The four- tube Kilbourne TRF receiver detector, two-stage amplifier in a nice oak cabinet, including B and C batteries sold for \$50.00 during Christmas 1922 at Chown Hardware and Radio Headquarters in Portland. Kilbourne and Clark had a foreclosure sale placed in The Oregonian on June 24, 1925 by Security Bank. The last mention of Kilbourne and

Clark in the Oregonian was a 4-tube receiver placed by Weeds Radio Shop for \$75.00.

The L.C. Warner Company of Portland hired W.E. Shields, a former sales representative for Kilbourne and Clark and Stewart - Warner in Seattle. Shield's has several radio patents to his credit. His sales area covered Eugene south to California beginning November 19, 1926.

"Marconi Loses Action", The Oregonian May 3, 1920, page 22.

"Radio Equipment," ad The Oregonian June 24, 1925, page 3.

"Wireless Sets Ordered," The Oregonian, June 24, 1917 page 25.

From Radio, December 1923, page 87

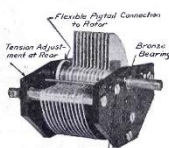
An Engineering Achievement

K & C NEW VARIABLE CONDENSER IS 100 PER CENT

THE day of the unstable variable condenser has passed. The Kilbourne and Clark Mfg. Co. hastened it and now have passed it. The new type K-C variable condenser is the answer. This condenser is the outcome of months of study of the faults of all variable condensers. It is the embodiment of all that is desirable. Objectionable, faulty features have been eliminated down to the most minute point.

The K-C variable condenser of the new type is mounted on two pure bakelite molded end plates, this high grade non-hygroscopic insulating material preventing the leakage so common with cheap molded substitutes. The shaft of the rotor plates revolves in bronze bushings that are molded in. These bushings give a wear-proof permanent bearing that obviates enlarged shaft holes and resulting short circuits and explosive noises in the head phones. There are no sliding contacts. The rotor plates are correct connected with a lug by means of flexible Belden brand, affording a direct and positive contact.

The K-C vernier condenser comes with dial, correctly marked from 0 to 100, and a separate control knob for the vernier adjustment. The vernier is a two-plate extension on the condenser that has been designed to give the greatest breadth of movement in tuning in the faintest of signals.



Kilbourne & Clark Mfg. Co.

Head Office & Works, Seattle

BRANCH OFFICES

Portland, 305 Larrabee St., Phone 6156.
San Francisco, 591 Mission St., Phone Sutter 40.
Los Angeles, 1103 W. 10th St., Phone 581-092.
New York City, 48 Washington St.

A HIGH-GRADE COMPLETE LINE OF RADIO PARTS FOR EXCLUSIVE USERS

Cat. No.	Capacity	No. of Plates	List Price
3	.00003 mfd.	3	\$2.50
7	.0001 mfd.	7	2.75
13	.0002 mfd.	13	3.25
17	.0003 mfd.	17	3.35
23	.0005 mfd.	23	3.50
31	.0007 mfd.	31	4.75
43	.001 mfd.	43	5.00
63	.0015 mfd.	63	7.75

For 15 years we have built radio apparatus for ships, shore stations, U. S. Navy, amateur and experimental use.

For condenser with vernier adjustment add \$2.00 list to above prices.

"K. & C." RADIO PARTS

SET THE STANDARD

For 15 years K. & C. Radio Apparatus has been in use by ships, shore stations, U. S. Navy, amateurs and professionals.

Kilbourne & Clark radio apparatus is known and used around the world. Always keeping a step ahead, this company is recognized as one of the few leaders in the industry.

You can have the benefit of the efficiency that has proved good enough for the highest-skilled radio experts in the world—the U. S. Navy uses Kilbourne & Clark apparatus. Designs, materials and workmanship of all K. & C. parts and sets are fully up to Navy standards.

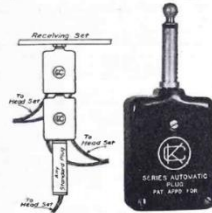
Don't experiment!—when better parts are made they will bear the K. & C. trademark—your guarantee.

K. & C. Continuously Variable Frequency Amplifying Transformer (range 150-600 meters) Two stage \$10. Single stage \$5.50.

Send 25c for blueprint giving details of highly efficient Radio Audio Frequency Circuit.

K. & C. new Variable Condenser, a triumph of engineering achievement. \$2.50 to \$7.75.

Ask your dealer for full price list of all K. & C. receiving and transmitting apparatus or write our nearest branch office.



KILBOURNE & CLARK MFG. CO.

HEAD OFFICE AND WORKS, SEATTLE

Branch Offices:

Chicago, 463 First National Bank Bldg., Phone Randolph 3480.
San Francisco, 591 Mission St., Phone Sutter 40.
Los Angeles, 1103 W. 10th St., Phone 552-61.

Portland, Ore., 305 Larrabee St., Phone East 6156.
New York Representatives:
Steelman, Inc., 24 Murray St., Phone Barclay 7841-2.

K. & C. new "Series Automatic" Plug, the greatest radio convenience yet devised for connecting hand phones and loud speakers. \$1.25 each.

K.C. Your Guarantee

From Radio,
May 1924,
page 91

The Last Word In Radio **McCALL COMPENSATED CIRCUIT**

The latest, tried and tested triumph of radio engineering---the new McCall Compensated Circuit now manufactured by the pioneer radio concern---Kilbourne & Clark Mfg. Co.

HERE ARE THE POINTS OF SUPERIORITY:

- | | |
|-----------------------------|---------------------|
| 1. Unusual Selectivity. | 3. Great Volume. |
| 2. Quality of Reproduction. | 4. Logs Accurately. |



AIR ROAMER PRICE \$140
WITHOUT ACCESSORIES

Here's a McCall Compensated Circuit set of advanced design, electrically and mechanically perfect. Being non-regenerative, it does not re-radiate.

Ask your dealer to show you this set---listen to its wonderful tone and notice how simple it is to get a pleasing, clear volume of sound and how accurately it brings in the desired station.



NEW K. & C. LOUD SPEAKER

A perfected loud speaker with moulded Bakelite base---phone tip jacks, instead of binding posts---cellular rubber horn---gives those pleasing accurate tones so desired.

Price \$28.00

Send to the nearest office for full details.

KILBOURNE & CLARK MFG. CO.

SEATTLE

Branches: 1103 W. 10th St., Los Angeles; 171 Second St., San Francisco; 1241 Montana St., Portland, Ore.
Australian Distributors, Pacific Electric Co., Sydney

Announcing our
New Location
53 Fourth St.

Portland, Or.

Phone BR 3715

Manufacturers and jobbers
only of the complete line of
K. & C. Radio Receivers and
auxiliary equipment. Radio
dealers' trade solicited.

The
Kilbourne & Clark
Mfg. Co.

Portland Seattle
San Francisco Los Angeles

Right: From the
Sunday Oregonian,
November 2 1924,
page 14 - K & C move
downtown

Below: Last K & C ad,
Sunday Oregonian,
June 14, 1924, p. 33

Radio Equipment.

**ATTENTION RADIO FANS AND
BUYERS.**

Kilbourne & Clark of Seattle, the
largest manufacturers of radio equip-
ment on the coast, have failed and we
have for sale the balance of their
Portland stock of radio sets, parts and
supplies. This stock will be closed
out at their stockroom for cash only
at prices less than the cost of manu-
facture. Room 59 in basement of Se-
curity bldg., Fourth and Pine.

Swap Shop

Ads are free and can be permanent, or 3-month, with an asterisk added each month for tracking. Contact editor to extend.

Please contact the following members to be trained in Radio Repair:

Bruce Baur	503 708-4537	Milwaukee
Blake Dietze	360 944-7172	Vancouver
Mike McCrow	503 730-4639	Aloha
Sid Saul	503 869-5280	Hebo
Ed Tompkins	360 573-3895	Vancouver

WANTED: I need the cable that plugs into the 6 pin male receptacle in the right picture. I also need the schematic for this unit. I have very little information about this unit except it will operate from household current or from a 6-volt source in an automobile. I would like to restore this unit and make it operational. Raymond Holland, chev33radio@comcast.net



WANTED: Radios made in Oregon. I do have some to trade. Thanks in advance. Dick Howard (503) 775-6697 dhoward27@comcast.net

Collection of 45 RPM record players, mostly RCA. Working condition unknown. General Motors model 120 130 140 console radios
Contact Steve K. (541) 388-9978

FOR SALE: B.F. Goodrich Model R459 AM + SW (big console) \$20
Call Robbie Robinson 503 810 0565 ***

There are 3 pieces of equipment that I am hoping to find in the local area:
General Radio Standard Signal Generator, Type 805
Hallicrafters SX-12 Commercial Skyrider
Hallicrafters, S-37 (or S-27/C, S-27/CA)
Jeff Quay <jeff_quay@hotmail.com>

FREE Tombstone cabinet made by Crosley.
Some assembly required!!! →
Craig Wohlgemuth, call 360-901-1330 or
cw2engineering@comcast.net *



FOR SALE: Hammarlund HQ-180 general coverage short wave receiver, 18 tube triple conversion. Plays well on all bands and in excellent condition. Asking \$165.00 or best offer. Ray Nelson 503 845-2897 <radiatoray39@gmail.com> ***



WANTED: Austrian Minerva receiver model 388 made in 1937-1938. The model number should be on the center column on the front bakelite housing below the magic eye but if missing will be stamped on the back. Bob Krassa bob@krassa.com or call 303-475-2824. Thanks! (Member of the Colorado Radio Collectors Antique Radio Club) ***

WANTED: I wish to purchase a 1942 Model 985866 Portable radio as pictured. Please contact me at 360 695-6349 or (C) 360 989-5981. The radio is ID'd by the Model # and the GM under the dial. - Ray Holland ***

Sample of items from Saturday's Auction



24



25



28



35



73



86



93



120



135



160



161



164

Radiolaguy's Monthly Showcase

By Sonny Clutter

August 2020 - Apollo Radio Horn Speaker

[http://www.radiolaguy.com/Showcase/RadiolaguyMonthlyFeature\(9-20\).htm](http://www.radiolaguy.com/Showcase/RadiolaguyMonthlyFeature(9-20).htm)

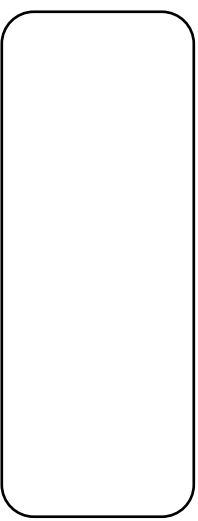
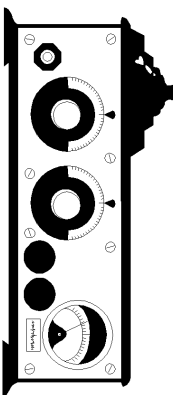
C. E. "Sonny" Clutter; AKA: the RadiolaGuy

Web Site: www.radiolaguy.com Email: radiolaguy@outlook.com





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P.O. Box 82379
Portland, Oregon 97282-0379



FIRST CLASS MAIL